

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/17071

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C08J5/04, B29C43/18, B29C70/06//C08L87:00, B29K101:00,
B29K105:06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C08J5/04, B29C43/18, B29C70/06, C08L87/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1926-1996 Jitsuyo Shinan Toroku Koho 1996-2004
Kokai Jitsuyo Shinan Koho 1971-2004 Toroku Jitsuyo Shinan Koho 1994-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	WO 99/01501 A1 (THE DOW CHEMICAL CO.), 14 January, 1999 (14.01.99), Claims; page 5, line 26 to page 6, line 3 & JP 2002-508021 A Page 9, lines 17 to 24 & US 5891560 A & EP 993487 A2 & MX 2000000203 A1 & KR 2001014389 A & BR 9810497 A & TW 517068 A	1-6, 8, 17 7, 9-16
X Y	JP 10-251423 A (Unitika Ltd.), 22 September, 1998 (22.09.98), Claims; page 9, Par. No. [0017]; page 10, Par. No. [0025] (Family: none)	1-6, 10, 17 7-9, 11-16

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

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- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
23 January, 2004 (23.01.04)Date of mailing of the international search report
10 February, 2004 (10.02.04)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 5895808 A (EMS-Inventa A.G.), 20 April, 1999 (20.04.99), Claims; column 2, line 57 to column 3, line 26 & JP 09-208712 A Page 3, Par. Nos. [0011] to [0013] & BR 9700769 A & CN 1161987 A & DE 19602638 A1 & EP 791618 A2 & KR 97059207 A & TW 400278 A	1-6, 17 7-16
X Y	EP 505139 A1 (TEIJIN LTD.), 23 September, 1992 (23.09.92), Claims; page 10, lines 2 to 9 & JP 05-178985 A Page 7, Par. No. [0087] & US 5223335 A	1-6, 17 7-16
Y	JP 2000-034399 A (Nichias Corp.), 02 February, 2000 (02.02.00), Claims (Family: none)	1-17
Y	US 5432007 A (Shizu NAITO), 11 July, 1995 (11.07.95), Claims & JP 07-003163 A & AU 9348865 A & CA 2107715 A & DE 69324987 E & EP 591955 A2	1-17
Y	EP 548930 A1 (TAKEDA CHEMICAL INDUSTRIES, LTD.), 30 June, 1993 (30.06.93), Claims & JP 06-107821 A	1-17
Y	EP 262891 A2 (Toho Rayon Co., Ltd.), 06 April, 1988 (06.04.88), Claims & JP 63-221139 A & DE 3751984 G & US 4962162 A	1-17